

Appl. No. 10/007,459
Amtd. dated Oct. 24, 2005
Reply to Office action of Aug. 24, 2005

AMENDMENTS TO THE CLAIMS

In the claims

11. (previously presented) A process for delivering an siRNA into a cell in a target tissue in a mammal, comprising:
 - a) mixing the siRNA and a compound selected from the group consisting of amphipathic compounds, polymers and non-viral vectors to form a complex wherein the zeta potential of the complex is less negative than the zeta potential of the siRNA alone;
 - b) inserting the complex into an afferent or efferent mammalian vessel of the target tissue in vivo thereby increasing permeability of vessels within the target tissue; and,
 - c) delivering the siRNA to the cell.
12. (canceled)
13. (original) The process of claim 12 wherein increasing the permeability of the vessel consists of increasing pressure against vessel walls.
14. (original) The process of claim 13 wherein the cell is selected from the group consisting of liver cells, spleen cells, heart cells, kidney cells, prostate cells, skin cells, testis cells, skeletal muscle cells, fat, bladder cells, brain cells, pancreas cells, thymus cells, and lung cells.
15. (previously presented) The process of claim 11 wherein the complex has a positive charge.
16. (previously presented) The process of claim 11 wherein the complex has a negative charge.
17. (currently amended) The process of claim 13 wherein increasing the pressure consists of increasing volume of fluid within the vessel.
18. (currently amended) The process of ~~claim~~ 17 wherein the solution is inserted within 2 minutes.